GAUTAM KUMAR

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CAREER OBJECTIVE

Detail-oriented and innovative Software Engineer with a strong foundation in computer science, programming, and problem-solving. Seeking to leverage my technical skills and passion for developing efficient, scalable, and user-friendly software solutions in a dynamic and growth-oriented organization.

EDUCATION

Vignan's Foundation for Science, Technology and Research — Andhra Pradesh, India
Bachelor of Technology in Computer Science and Engineering — *Ongoing*

Intermediate Education — Bihar, India
Percentage: 82%

Matriculation — Bihar, India
Percentage: 94%
JEE MAINS Percentile: 93.76

SKILLS

Languages: C, Python, Java
Web Technologies: HTML, CSS, JavaScript, React, Flask
Databases: MySQL, MongoDB
Core Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming, Network Security

PROJECTS

Library Management System
- Developed a dynamic full-stack application using HTML, CSS, and JavaScript for the frontend and MySQL for the database.
- Designed a user-friendly, responsive interface for managing books, members, and transactions.
- Implemented comprehensive CRUD (Create, Read, Update, Delete) operations for efficient data handling and real-time updates.

AI-Powered Chatbot
- Built an intelligent chatbot leveraging AWS services, including Lex for Natural Language Understanding (NLU) and Lambda for serverless backend logic.
- Integrated the chatbot with a web interface to handle real-time user queries and enhance user interaction.
- Utilized AWS tools for deployment, scalability, and monitoring, gaining hands-on experience in building cloud-native intelligent applications.

Python Application Suite — *Oct 2023*
- Developed a Password Manager with a graphical user interface (GUI) using Tkinter and secure file handling for data storage.
- Created network security tools including a port scanner to identify open ports and a packet sniffer for traffic analysis.
- Created a Rock-Paper-Scissors game with interactive command-line logic.
- Gained experience in data visualization using Matplotlib and Jupyter Notebook to create bar charts, pie charts, and line graphs for data analysis.

CERTIFICATIONS

Junior Cybersecurity Analyst Career Path - Cisco Networking Academy (netacad.com)

Google Cloud Certified

AWS APAC Certified

University of Cambridge (Linguistic) - Grade B (152/165)

Participation Certificate in AIML Course

EXTRACURRICULAR ACTIVITIES

Served as Deputy Secretary for the Entrepreneurship Cell, fostering innovation and business skills among peers.

Actively engaged in public speaking activities, enhancing communication and presentation skills.